

Score

The Scientific Musicale

NS-BIO 201 Finals

Music and lyrics:
Franz-Gregor Guzman

Solo

Soprano
Alto

Tenor
Bass

Trumpet in B \flat

Violin

Piano

pp

ff O - o nga na-man!

ff O - o nga na-man!

Repeat until cue

Hold until cue

f

mp

8

S

things you can do when you stop com - plai - ning, oh the things you can know when you start re - la - ting e - vry-

8

S
A

8

T
B

8

B \flat Tpt.

8

Vln.

8

Pno.

The Scientific Musicale

2
12

S

thing that you learn in school ____ with e - vry - thing that you think is cool. ____ Oh the

S
A

T
B

B \flat Tpt.

Vln.

Pno.

16

S

things you can make when you stop be - ha - ving like a man with-out a plan, so ____ used to fai - ling. Life is

S
A

T
B

B \flat Tpt.

Vln.

Pno.

20

S

not such a bad ro - mance — if you'd just give e - vry-thing else a chance. —

S
A

T
B

B \flat Tpt.

Vln.

Pno.

24

S

One step back from your ins - pi - ra - tion is a first step to a new — ex - pe - di - tion. — Mu - sic and sci - ence may

S
A

T
B

B \flat Tpt.

Vln.

Pno.

4

4
The Scientific Musicale

S
not get a-long but e - ven black and white_____ can sing a cat - chy song. Don't shut your-self from the rest

S
A

T
B

B \flat Tpt.

Vln.

Pno.

33
S
_____ of the world. oh_____ no, no, don't you dare cry._____ You will not die_____ if you give it a try.

S
A

T
B

B \flat Tpt.

Vln.

Pno.

37

S —

What is the stu - dy of life?

mf

S A

T B

B \flat Tpt.

Vln.

Pno.

cresc

mf

41

S — It's bi-o - lo-gy. We learn the facts a-bout life, — that's you and me. We have the po-wer to work. — It's called e - ner-gy. With-

S A

T B

B \flat Tpt.

Vln.

Pno.

The Scientific Musicale

6

46

S
out it, no - thing would work, — we'll cease to be the li - ving, brea-thing hu - mans that we are; the mul - ti - cellu - lar

S
A

T
B

B \flat Tpt.

Vln.

Pno.

51

S
be - ings that we are, still *mp* e - vol - ving slow - ly though we can - not real - ly see, like the smal - lest hint of al - gae for - ming

S
A

T
B

B \flat Tpt.

Vln.
mp *p*

Pno.
p *cresc*

55

S

on a tree. _____ Chlo-ro-plasts are on-ly found _____ in a plant cell. The po-wer-house of the cell is _____

S
A

T
B

55

B \flat Tpt.

55

Vln.

55

Pno.

60

S

_____ the mi-to-chon-dri-on. Con-trol cen-ter _____ is _____ the nuc-le - us. _____ It con-tains all _____ of our D - N - A. _____

S
A

T
B

60

B \flat Tpt.

60

Vln.

60

Pno.

65

S

These are just the ba-sic of it all. In mu-sic it's your do re mi fa sol. It's

65

S

A

T

B

65

B \flat Tpt.

65

Vln.

65

Pno.

71

S

when you know these things that e-very-thing seems clear. Learn it now and there'll be no-thing else to fear. Just

71

S

A

T

B

71

B \flat Tpt.

71

Vln.

71

Pno.

cresc

The musical score is for a piece titled "The Scientific Musicale". It is an 8-measure piece, with the first system containing measures 65-70 and the second system containing measures 71-78. The score is written for a vocal ensemble (Soprano, Alto, Tenor, Bass) and a chamber orchestra (B-flat Trumpet, Violin, Piano). The key signature is B-flat major (two flats). The time signature is 4/4. The vocal parts have lyrics: "These are just the ba-sic of it all. In mu-sic it's your do re mi fa sol. It's" and "when you know these things that e-very-thing seems clear. Learn it now and there'll be no-thing else to fear. Just". The piano part features a melodic line in the right hand and a harmonic accompaniment in the left hand, with a crescendo marking in measure 74.

75

S

lis - ten — Just lis - ten. — What is the stu - dy of life? — It's Bi - o - lo - gy.

S
A

T
B

B \flat Tpt.

Vln.

Pno.

80

S

S
A

T
B

B \flat Tpt.

Vln.

Pno.

86

S

86

S
A

The things we can know — a bout our - selves — and all the

T
B

things we can know — a - bout our - selves — and all the

86

B \flat Tpt.

86

Vln.

86

Pno.

91

S

91

S
A

li - ving things that — e - xist a - round — us. Call it bi - o - di-ver - si - ty, — where e - very one lives in har-mo-ny. —

T
B

li - ving things that — e - xist a - round — us. Call it bi - o - di-ver - si - ty, — where e - very one lives in har-mo-ny. —

91

B \flat Tpt.

91

Vln.

91

Pno.

96

S

S
A

T
B

Clas - si - fy or - ga-nis-ms with ta - xo - no - my. ____ It goes, Spe-cies, Ge-nus, Fa-mi-ly, Or-der and Class. ____ and there's

96

B♭ Tpt.

Vln.

Pno.

101

S

S
A

T
B

Phy-lum and King-dom too. ____ And the big-gest one is called Do-main. ____ We all sur-vive through

101

B♭ Tpt.

Vln.

Pno.

The Scientific Musicale

12

106

S

S
A

T
B

B \flat Tpt.

Vln.

Pno.

106

a - dap-ta - tion, we a - dapt our-selves through mo - di - fi - ca - tion.____ We live and die through na - tu - ral se-lec-tion to con-

a - dap-ta - tion, we a - dapt our-selves through mo - di - fi - ca - tion.____ We live and die through na - tu - ral se-lec-tion to con-

106

S

S
A

T
B

B \flat Tpt.

Vln.

Pno.

111

trol the growth_____ of hu - man po - pu-la - tion.____ Now don't be a-fraid, it's just the ba - lance of life.____ Oh____

trol the growth_____ of hu - man po - pu-la - tion.____ Now don't be a-fraid, it's just the ba - lance of life.____ Oh____

111

S

S
A

T
B

B \flat Tpt.

Vln.

Pno.

111

115

S

115

S
A

no, no don't you dare cry if we all die. It's just the ba-lance of life.

T
B

no, no don't you dare cry if we all die. It's just the ba-lance of life.

B \flat Tpt.

115

Vln.

115

Pno.

119

S

What is the stu-dy of life?

119

S
A

It's bi-o-lo-gy.

T
B

It's bi-o-lo-gy.

B \flat Tpt.

119

Vln.

119

Pno.

123

S

123

S
A

We learn the facts a-bout life, that's you and me. We have the po-wer to work. It's called e-ner-gy. With-

T
B

We learn the facts a-bout life, that's you and me. We have the po-wer to work. It's called e-ner-gy. With-

123

B \flat Tpt.

123

Vln.

123

Pno.

127

S

127

S
A

out it, no-thing would work, we'll cease to be the li-ving, brea-thing hu-mans that we are; the mul-ti-cellu-lar

T
B

out it, no-thing would work, we'll cease to be the li-ving, brea-thing hu-mans that we are; the mul-ti-cellu-lar

127

B \flat Tpt.

127

Vln.

127

Pno.

132

S

S
A

T
B

B \flat Tpt.

Vln.

Pno.

136

S

S
A

T
B

B \flat Tpt.

Vln.

Pno.

be - ings that we are, still e - vol - ving slow - ly though we can - not real - ly see, like the smal - lest hint of al - gae for - ming

on a tree. *cresc* *mf* Chlo-ro-plasts are on-ly found in a plant cell. The po - wer-house of the cell is

on a tree. Chlo-ro-plasts are on-ly found in a plant cell. The po - wer-house of the cell is

cresc *mf*

141

S

141

S
A

the mi - to - chon - dri - on. Con - trol cen - ter is the nuc - le - us. It con - tains all of our D - N - A.

T
B

the mi - to - chon - dri - on. Con - trol cen - ter is the nuc - le - us. It con - tains all of our D - N - A.

141

B \flat Tpt.

141

Vln.

141

Pno.

146

S

146

S
A

These are just the ba - sic of it all. In mu - sic it's our do re mi fa sol. It's

T
B

These are just the ba - sic of it all. In mu - sic it's our do re mi fa do re mi fa sol. It's

146

B \flat Tpt.

146

Vln.

146

Pno.

152

S

152

S
A

when you know these things that e - very-thing seems clear. Learn it now and there'll be no - thing else to fear. Just

T
B

when you know these things that e - very-thing seems clear. Learn it now and there'll be no - thing else to fear. Just

B \flat Tpt.

152

Vln.

152

Pno.

156

S

lis - ten ____ Just lis - ten. ____ *cresc*

156

S
A

We're lis - te - ning. ____ We're lis - te - ning. What is the stu - dy of life? ____ It's Bi - o - lo - gy. ____ *f*

T
B

We're lis - te - ning. ____ We're lis - te - ning. What is the stu - dy of life? ____ It's Bi - o - lo - gy. ____

B \flat Tpt.

156

Vln.

156

Pno.

cresc *f*

161

S

161

rit.

a tempo

S A

What is the stu-dy of life? It's Bi-o - lo-gy.

T B

What is the stu-dy of life? It's Bi-o - lo-gy.

B \flat Tpt.

Vln.

Pno.

167

S

167

S A

What is the stu - dy of life? It's bi-o - lo-gy. We learn the facts a - bout life, that's you and me.

T B

What is the stu - dy of life? It's bi-o - lo-gy. We learn the facts a - bout life, that's you and me.

B \flat Tpt.

Vln.

Pno.

171

S

171

S
A

What is the stu-dy of life? — It's bi-o - lo-gy. We learn the facts a-bout life, — that's you and me.

mf

T
B

What is the stu-dy of life? — It's bi-o - lo-gy. We learn the facts a-bout life, — that's you and me.

171

B♭ Tpt.

171

Vln.

171

Pno.

176

S

176

S
A

Special thanks to Rachel Mae Ong.

T
B

Music dedicated to NS Bio 201 students,
section 2MUS-1BM.

F.G. Guzman
29 September 2010
2:43 A.M.

176

B♭ Tpt.

Group 1 Members:

Franz-Gregor Guzman, conductor

176

Vln.

Rose Ong, piano

Kyla Ibero, violin

Guiliefer Macaraeg, solo soprano

Rachel Mae Ong, soprano

176

Pno.

Aynrand Bernadette Ferrer, soprano

Faye Andrea Yungano, alto

Ming Yau Hui, alto

Czen Micah Reganit, tenor

Kirk Allen Mallorca, bass

Lyrics:

Verse 1:

The things you can do when you stop complaining,
oh the things you can know when you start relating
everything that you learn in school
with everything that you think is cool.

Oh the things you can make when you stop behaving
like a man without a plan, so used to failing.
Life is not such a bad romance
if you'd just give everything else a chance.

Bridge 1:

One step back from your inspiration is a first step to a new expedition.
Music and Science may not get along, but even black and white can sing a catchy song.
Don't shut yourself from the rest of the world. Oh oh, no, no, don't you dare cry.
You will not die, if you give it a try.

Chorus:

What is the study of life? It's Biology.
We learn the facts about life, that's you and me.
We have the power to work. It's called energy.
Without it, nothing would work, we'll cease to be
the living, breathing humans that we are;
the multicellular beings that we are,
still evolving slowly though we cannot really see
like the smallest hint of algae forming on a tree.

Chloroplasts are only found in a plant cell.
The powerhouse of the cell is the Mitochondrion.
Control center is, the Nucleus.
It contains all of our DNA.
These are just the basic of it all
In music, it's your do re mi fa sol.
It's when you know these things that everything seems clear.
Learn it now and there'll be nothing else to fear.
Just listen. Just listen.
What is the study of life? It's Biology!

Verse 2:

The things we can know about ourselves
and all the living things that exist around us.
Call it Biodiversity,
where everyone lives in harmony.

Classify organisms with Taxonomy.
It goes, "Species, Genus, Family, Order and Class."
and there is "Phylum" and "Kingdom" too,
And the biggest one is called "Domain."

Bridge 2:

We all survive through adaptation, we adapt ourselves through modification.
We live and die through natural selection to control the growth of human population.
Now don't be afraid, it's just the balance of life.
Oh oh, no, no don't you dare cry if we all die. It's just the balance of life.

Repeat chorus: